

# CONTRACT C WORKSHEET

ECP Required       

PRON P48AODX4 AMC 1 AMSC G ATC ARB5R

TPDL 11673976 TDPL DATE 09/09/98

NSN 5915010628262 NOMENCLATURE NETWORK

ENGINEERING EXCEPTIONS : The following engineering exceptions apply to this procurement action(s):

DOCUMENT	DELETE	REPLACE WITH
SPI 11673976	INITIAL RELEASE	REV A (HARD COPY) 1 SHEET

For QAPS 11673973, 11673975 & 11673978 Pg. 1, under Standards delete MIL-STD-454 where applicable and replace with MIL-HDBK-454.  
Pg. 2 under SPECIFICATIONS delete MIL-S-45743 and replace with Soldering Statement.

For QAP 11673977 Pg. 2 under MINOR characteristic column change 201, 202 & 203 as follows:

FROM: 201 No. 4-40 UNC-2B THREAD (8) HOLES	K11673977	GO AND NOT GO
TO: 201 No. 4-40 UNC-2B Thread (8) Holes	K11673977	THREAD PLUG GAGE
Pitch Diameter		SMTE
Minor Diameter		SMTE
FROM: 202 No. 10-24 UNC-2B THREAD (8) HOLES	K11673977	
TO: 202 No. 10-24 UNC-2B Thread (8) Holes	K11673977	
Pitch Diameter		SMTE
Minor Diameter		SMTE
FROM: 203 8-32 UNC-2B THREAD	K11673977	GO AND NOT GO

(Continued On Page 2)

GFM/GFE: DRAWING NO.

0

MYLARS REQUIRED (Check one):    Y    N

CERTIFICATION SIGNATURE(S)/CONCURRENCE

ENG

<u>JOHN B. KILLIKE</u>	<u>JOHN B. KILLIKELLY</u>	<u>11/4/98</u>	<u>AMSTA-AR-CCB</u>	<u>974-4874</u>
Type/Print Name	Signature	Date	Office Symbol	DSN Telephone

LCSE

<u>LAWRENCE RAUTEN</u>	<u>LAWRENCE RAUTENBERG</u>	<u>8/31/98</u>	<u>AMSTA-AR-LCS</u>	<u>724-3536</u>
Type/Print Name	Signature	Date	Office Symbol	DSN Telephone

PKG

<u>JAMES F. ZOLL</u>	<u>JAMES F. ZOLL</u>	<u>8/27/98</u>	<u>AMSTA-AR-EPK</u>	<u>880-2865</u>
Type/Print Name	Signature	Date	Office Symbol	DSN Telephone

PAD

<u>unsigned</u>	<u>unsigned</u>	<u>11/4/98</u>	<u>unsigned</u>	<u>unsigned</u>
Type/Print Name	Signature	Date	Office Symbol	DSN Telephone

## CONTRACT C WORKSHEET (Continued)

### ENGINEERING EXCEPTIONS (CONTINUED)

(2) HOLES  
TO: 203 8-32 UNC-2B Thread  
Pitch Diameter  
Minor Diameter

THD PLUG GAGE  
K11673977  
SMTE  
SMTE

For QAP 11673982 Pg. 1, under Standards delete MIL-STD-454 and replace with MIL-HDBK-454.

Pg. 2 delete MIL-S-45743 in its entirety

Pg. 3 for NUMBER 301 delete MIL-S-45743 and replace with soldering Statement.

All soldering and soldering related operations shall be performed in accordance with a detailed soldering process plan to be developed and maintained by the contractor. The plan shall include the procedures to be used for all soldering and soldering related operations (i.e. hand soldering, tinning, solderability testing or verification, automated soldering, inspection, process controls). Each procedure shall describe the operation in sufficient detail to ensure that the performance requirements for the item being manufactured are met. As a minimum, each procedure shall include the process, tools, equipment, materials and acceptance criteria used for the operation. The soldering process plan shall be made available to the cognizant government technical agency.

In lieu of developing a soldering process plan, the contractor may elect to utilize ANSI/IPC/J-STD-001, Class 3\*, with the cleanliness designator as indicated below:

Flux Type in use	Cleanliness Designator**
Low Residue/No Clean Flux	C02
Rosin Based Flux	C22
Water Soluble Flux	C22

#### \*Class 3 High Performance Electronic Products

Includes equipment for commercial and military products where continued performance or performance-on-demand is critical. Equipment downtime cannot be tolerated, end-item use may be uncommonly harsh, and the equipment must function when required, such as life support systems and critical weapons systems.

\*\*ANSI/IPC/J-STD-001 Rev A, paragraph 8.3.2 and sub-paragraphs.

Discrepancy #2/called out MS25237-32 as cancelled. It is superseded by MIL-L-6363/8 on Dwg.11673976.

**SPECIAL PACKAGING INSTRUCTION**Form Approved  
OMB No. 0704-0188

Public reporting burden for this collection of information is estimated to average 30 days per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden, to Washington Headquarters Services, Directorate for Information Operations and Reports, 1215 Jefferson Davis Highway, Suite 1204, Arlington, Va 22202-4302, and to the Office of Management and Budget, Paperwork Reduction Project(0704-0188), Washington, D.C. 20503. Please do not return your form to either of these addresses.

1. PART OR DRAWING NO. NOMENCLATURE <b>11673976 NETWORK</b>		2. CODE INDENT <b>19207</b>	3. SPI NO. (AM) <b>P11673976</b>
4. NATIONAL STOCK NUMBER <b>5915010628262</b>		5. DATE OF DRAWING/SPI <b>08/19/98</b>	6. REVISION / ERR NO. <b>A/L8K2011</b>
7. QUP <b>1/EA</b>	8. ICQ	9. UNIT PACK WT. (LB) (0.0) <b>5.08</b>	10. UNIT PACK CU (CU. FT) (0.000) <b>0.162</b>
		11. UNIT PACK SIZE (INCHES) (00.0) <b>8.16 X 8.16 X 4.2</b>	

		18. STEPS	19. REQD	20. DESCRIPTION
		1		<b>INTIMATE WRAP, A-A-1898, TY-II, CL-B TAPE, A-A-883 CONTAINER, ASTM D5118, ST-RSC, CL-W6C CLOSURE, ASTM D1974</b>
		2		
		3		
		4		
12. MILITARY PRESERVATION <b>MIL-STD-2073-1, METHOD 10</b>				
13. CLEANING *				
14. DRYING *				
15. PACKING				
a. LEVEL A <b>MIL-STD-2073-1</b>				
b. LEVEL B <b>MIL-STD-2073-1</b>				

16. MARKING  
**MIL-STD-129**

## 17. NOTES / DRAWING

**\*UNLESS OTHERWISE SPECIFIED, CLEANING AND DRYING SHALL BE IN ACCORDANCE WITH PARAGRAPH 5.2.1 OF MIL-STD-2073-1.  
WEIGHTS AND SIZES ARE ESTIMATED AND MAY VARY SLIGHTLY.  
INTERMEDIATE PACKAGING AND PACKING WILL BE IN ACCORDANCE WITH SPECIFICATION MIL-STD-2073-1 OR AS OTHERWISE SPECIFIED HEREON.**

WSC: JH ITEM SIZE: **7.86 X 7.86 X 4.00**ITEM WEIGHT: **5.02**APPROVED: **JAMES F. ZOLL**

STATEMENT A, UNLIMITED

## DOCUMENT SUMMARY LIST

Item: NETWORK, COMMANDERS  
NSN: 5915-01-062-8262  
Control Number/PRON: P48AODX4

Identifies all first tier documents (cited in SOW) (applicable DIDs). Also included are all referenced documents (2nd, (includes DID block 10 references), 3<sup>rd</sup> and lower tier) which have been tailored.

### DOCUMENT CATEGORY:

CATEGORY O - Unless otherwise specified in the solicitation, contract, or contract modifications, all documents are for guidance and information only.

CATEGORY 1 - The requirements contained in the directly cited document are contractually applicable to the extent specified. All referenced documents are for guidance and information only.

CATEGORY 2 - The requirements contained in the directly cited document and the reference documents identified in the directly cited document are contractually applicable to the extent specified. All subsequently referenced documents are for guidance and information only.

CATEGORY 3 - Unless otherwise specified in the solicitation, contract or contract modification, all requirements contained in the directly cited document and all reference and subsequently referenced documents are contractually applicable to the extent specified.

Document Number (Contract Reference) Applicable Tailoring	Document Title	Document Date/ Document Category
1a. MIL-STD-973	Configuration Management	17 Apr 92 Cat 2

See section C clause(s) titled: Value Engineering Change Proposals, Engineering Change Proposals, Deviation and/or Ozone-Depleting Substances.

In the application of MIL-STD-973 Paragraphs 5.4.3, 5.4.4 and 5.4.8 apply, and are tailored as follows:

(1) Page 53, para 5.4.3.4., Delete "a contractor designed form, or a letter" in the first sentence.

(2) Page 53, para 5.4.3.3.2a., Line 5, add "or size" after "weight".

(3) Page 53, Delete para 5.4.3.5., and replace by, "Unless otherwise specified in the contract, requests for critical deviations should be approved or disapproved within 30 calendar days of receipt by the Government and for all other deviations within 60 calendar days of receipt by the Government."

(4) Para 5.4.3.5.1. Minor deviations.

Line 3. Delete "...by the activity...Class II change" and insert "by the Contracting Officer."

(5) Page 55, para 5.4.4.3.2a., Line 7, add "or size" after "weight".

(6) Page 56. Delete paragraph 5.4.4.5 and replace by "Unless otherwise specified in the contract, requests for critical waivers should be approved or disapproved within 30 calendar days of receipt by the Government and for all other RFWs within 60 calendar days of receipt by the Government."

(7) Para 5.4.4.5.1. Minor waivers.  
Lines 4 and 5. Delete "...Contract Administration Office (CAO)." Insert "...Configuration Manager and a Government Contracting Officer."

(8) Page 61, para 5.4.8.3.4., in line 6 add "or size" after "weight".

(9) Page 61, Add new para 5.4.8.3.4.1., "An RFD shall be supported by test data and analysis, where appropriate, and provided to support the decision regarding acceptance of the nonconformance."

(10) Page 61, Delete para 5.4.8.3.5. and replace by, "Unless otherwise specified in the contract, deviations are approved and authorized only by the Contracting Officer. Critical deviations should be processed within 30 calendar days of receipt by the Government and all other RFDs processed within 60 calendar days of receipt by the Government."

(11) Page 62, para 5.4.8.4, Delete lines 7 thru 10 and replace with "standard. All RFWs shall be submitted as specified in the contract for approval or disapproval and acceptance or rejection by the authorized Contracting Officer."

(12) Page 62, para 5.4.8.4.4., on line 6 add "or size" after "weight".

(13) Page 62, Add new para 5.4.8.4.4.1., "an RFW shall be supported by test data and analysis, where appropriate, and provided to support the decision regarding acceptance of the nonconformance."

1b. Interim Notice 3 (DO)	Configuration Management	13 Jan 95 Cat 2
1c. DI-CMAN-80639B (seq A001)	Engineering Change Proposal	13 Jan 95 Cat 2
1d. DI-CMAN-80640B (seq A002)	Request for Deviation	13 Jan 95 Cat 2
1e. DI-CMAN-80641B (seq A003)	Request for Waiver	13 Jan 95 Cat 2
1f. DI-CMAN-80642B (seq A004)	Notice of Revision	13 Jan 95 Cat 2
2. ANSI/ISO/ASQC Q9003 or equivalent	Quality Systems- Model for Quality Assurance in Final Inspection and Test	18 Jul 94

# CONTRACT DATA REQUIREMENTS LIST

DD FORM 1423 (MECHANIZED)

CATEGORY: MISC SYSTEM/ITEM: NETWORK, COMMANDERS  
TO CONTRACT/PR: P48AODX4

1. SEQUENCE NUMBER	14. DISTRIBUTION	DRAFT/REG/REPRO COPIES
2. TITLE OF DATA ITEM		
3. SUBTITLE		
4. DATA ITEM NUMBER		
5. CONTRACT REFERENCE		
6. TECHNICAL OFFICE	7. DD 8. APP 9. DIST STATEMENT	
	250 CODE REQUIRED	
10. FREQUENCY	11. AS OF DATE	15. TOTAL:
12. DATE OF 1ST SUBMISSION	13. DATE OF SUBSEQUENT SUBMISSION	
16. REMARKS		

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1. A001	14. SEE ADDRESS CODE	/ /
2. ENGINEERING CHANGE PROPOSAL (ECP)	DISTRIBUTION	/ /
3.	ATTACHED	/ /
4. DI-CMAN-80639B		
5. MIL-STD-973		
6. AMSTA-AR-QAD	7. LT 8. - 9. *	
10. ASREQ	11. ---	15. TOTAL 0/ 0/ 0
12. ASREQ	13.	
16. REMARKS		
ECP SHORT FORM SHALL BE USED FOR THE SUBMISSION AND PROCESSING OF ALL CLASS II ENGINEERING ACTIONS. *DISTRIBUTION STATEMENT WILL BE ASSIGNED AND IMPLEMENTED BY THE DOD CONFIGURATION MANAGER.		

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1. A002	14. SEE ADDRESS CODE	/ /
2. REQUEST FOR DEVIATION (RFD)	DISTRIBUTION	/ /
3.	ATTACHED	/ /
4. DI-CMAN-80640B		
5. MIL-STD-973		
6. AMSTA-AR-QAD	7. LT 8. - 9. *	
10. ASREQ	11. ---	15. TOTAL 0/ 0/ 0
12. ASREQ	13.	
16. REMARKS		
*DISTRIBUTION STATEMENT WILL BE ASSIGNED AND IMPLEMENTED BY THE DOD CONFIGURATION MANAGER.		

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1. A003  
2. REQUEST FOR WAIVER (RFW)  
3.

14.  
SEE ADDRESS CODE / /  
DISTRIBUTION / /  
ATTACHED / /

4. DI-CMAN-80641B

5. MIL-STD-973

6. AMSTA-AR-QAD 7. LT 8. - 9. \*

10. ASREQ 11. ---

15. TOTAL 0/ 0/ 0

12. ASREQ 13.

16. REMARKS

\*DISTRIBUTION STATEMENT WILL BE ASSIGNED AND IMPLEMENTED BY THE DOD  
CONFIGURATION MANAGER.

1. A004  
2. NOTICE OF REVISION (NOR)  
3.

14.  
SEE ADDRESS CODE / /  
DISTRIBUTION / /  
ATTACHED / /

4. DI-CMAN-80642B

5. MIL-STD-973

6. AMSTA-AR-QAD 7. LT 8. - 9. \*


10. ASREQ 11. ---

15. TOTAL 0/ 0/ 0

12. ASREQ 13.

16. REMARKS

THE CONTRACTOR SHALL PREPARE AND SUBMIT A NOR FOR EACH DRAWING, ASSOCIATED  
LIST, OR OTHER REFERENCED DOCUMENT WHICH REQUIRE REVISION AND SUBMIT SAID  
NOR WITH THE ECP. \*DISTRIBUTION STATEMENT WILL BE ASSIGNED AND IMPLEMENTED  
BY THE DOD CONFIGURATION MANAGER.

APPROVED BY:  STEPHEN J HANSEN, SDMO, AMSTA-AR-QAD

DATE: 11/23/1998

**ADDRESS CODE DISTRIBUTION  
FOR ECP/RFD/RFW/VECP**

1. Concurrent distribution of Value Engineering Change Proposals (VECPs), Engineering Change Proposals (ECPs), Request for Deviations (RFDs) shall be submitted by the Contractors as follows:
2. The contractor shall submit copies as required and as identified below to: Director, U.S. Army Armament Research, Development and Engineering Center, ATTN: AMSTA-AR-EDT-R (ECPs), Rock Island, IL 61299-7300 except for Chemical items (see note below).

- |               |  |
|---------------|--|
| a. VECPs -    | original plus 3 copies<br>original (Tools & Equipment)<br>original plus 2 copies (Navy or Air Force) |
| b. ECPs -     | original plus 2 copies<br>original (Tools & Equipment)<br>original plus 2 copies (Navy or Air Force) |
| c. RFDs/RFWs- | original plus 2 copies<br>original plus 2 copies (Navy or Air Force)                                 |

**\*\*NOTE - All Chemical items shall be submitted to: Commander, CBDCOM, ATTN: SCBRD-EN(RI), Rock Island, IL 61299-7410.\*\***

- a. VECPs - original plus 3 copies
- b. ECPs - original plus 2 copies
- c. RFDs/RFWs - original plus 1 copy

3. Provide one copy designated "Advance Copy" to one of the following design agencies if the agency is cited in the contract:

- a. Chemical Command: Commander, Chemical Biological Defense Agency, ATTN: SCBRD-ENE-D, Aberdeen Proving Ground, MD 21010-5423.

- b. U.S. Navy: Commander, Naval Surface Warfare Center, Crane Division, ATTN: Code 40, Crane, IN 47522-5000, or Commander, Naval Air Warfare Center, Weapons Division, 521 9th St., ATTN: Code 332200E, Point Mugu, CA 83042-5001.

- c. U.S. Air Force: Commander, U.S. Army Industrial Operations Command, ATTN: AMSIO-ASI-SA (Mr. Flood ASD/YH), Eglin Air Force Base, FL 32542-5000, or Commander, Ogden Air Logistics Center, ATTN: OO-ALC/LIWGE, 6034 Dogwood Ave., Hill Air Force Base, UT 84056-5816.

4. Provide one copy designated "Advance Copy" to:

- a. Contracting Officer: Director, Armament and Chemical Acquisition, and Logistics Activity, Rock Island, IL 61299-8630 (ACALA items) or Commander, Industrial Operations Command, Rock Island, IL 61299-6000 (IOC items).

- b. Administrative Contracting Officer.

5. For VECPs only, provide one copy designated "Advance Copy" to the Value Engineering Division: Commander, U.S. Army Industrial Operations Command, ATTN: AMSIO-RMV, Rock Island, IL 61299-6000.

6. When ECPs, RFWs, RFDs are determined to be Urgent, Critical and/or Schedule impacting, an action copy shall be provided to AMSTA-AR-EDT-R via data facsimile (FAX) to 309-782-6450. This transmission is to be immediately followed with the usual hard copy mailing.